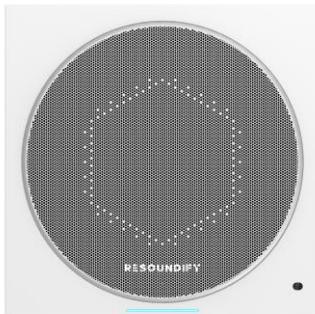


RAI-128C

Dante ceiling mount array microphone



PRODUCT OVERVIEW

The **Resoundify RAI-128C** is a flagship high-end ceiling conference microphone. It features a 128-unit omnidirectional microphone array and multiple independently configurable pickup zones. Equipped with advanced AI audio algorithms such as high definition noise reduction, reverberation suppression, and automatic gain control, it seamlessly meets diverse pickup needs across different scenarios. With its 48kHz audio sampling capability, RAI-128C captures intricate sound details, ensuring utmost fidelity. Each RAI-128C unit also comes with built-in feedback suppression algorithms, enabling straightforward sound reinforcement solutions. Utilizing Dante digital audio technology, RAI-128C ensures stable transmission and broad compatibility. With support for PoE power supply, it simplifies setup by requiring only a single network cable for both audio transmission and device power. Additionally, RAI-128C offers versatile installation options including suspension pole, suspension rope, and ceiling grid mounting, making it suitable for various installation requirements in different meeting spaces.

KEY FEATURES

- Personalized Configuration:** RAI-128C and its accessories support personalized configuration tailored to various scenarios, which can be achieved by downloading and installing configuration software.
- Call Scene Configuration:** Configure remote meeting scenarios via the software, enabling simultaneous setup for multiple devices and pickup zones.
- Sound Reinforcement Scene Configuration:** Customize local sound reinforcement scenarios through the software, allowing simultaneous setup for multiple devices and sound reinforcement zones.
- Mixed Scene Configuration:** Facilitate mixed configuration for remote calls and local sound reinforcement, supporting multiple devices and overlaying two sound reinforcement zones.
- Device Upgrade:** Conduct online upgrades for the ceiling microphone via the software.

APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

RESOUNDIFY

TECHNICAL SPECIFICATIONS

Basic Specifications

Product Model	AIMIC-M100
Product Color	White
Product Size	597mm*597mm*53.5mm
Net Weight	5KG
Power Supply	PoE

Mic Specifications

Mic Type	128-unit MEMS microphone array
Sensitivity	-38dBv/94dB SPL @1KHz
Signal-to-Noise Ratio	65dBv/94dB SPL@1KHz, A-weighted

Dante

Number of Channels	2x2
Remote Meeting/Local Sound Reinforcement Channels	1/1

Audio Performance

Remote Conversation Pickup Zones	8
Local Amplification Pickup Zones	8
Sampling Rate	48kHz
Maximum Background Noise Suppression	35dB
AI Noise Reduction Suppression	Support
AI Reverberation Suppression	Support
AI Feedback Suppression	Support
AI Echo Cancellation	Support
Delay (Automatic Mixing Output, Including Dante)	<30ms

Cascade Performance

Cascade Quantity	Unlimited
Cascade Method	Dante audio

Interface

RJ45 Port	1 (Dante Audio Transmission, PoE)
Reset Button	1